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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/662,905	09/15/2003	Hsi-Lung Tsai	7257/71080	1267

7590 09/21/2005

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EXAMINER

SAN MARTIN, EDGARDO

ART UNIT PAPER NUMBER

2837

DATE MAILED: 09/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/662,905	TSAI, HSI-LUNG	
	Examiner	Art Unit	
	Edgardo San Martin	2837	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1 – 6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chen (US 2003/0231506) in view of Barry (US 5,634,706).

With respect to claim 1, Chen teaches a tail pipe (Fig.3, Item 9) for a muffler having an exhaust pipe (Fig.3, Item 2) and comprising a hollow body having a front, a rear, an outer periphery at least one window (Fig.2, Item 90) defined through the outer periphery and an inner passage with an inner periphery the inner passage having a front opening and a rear opening that are formed respectively in the front and the rear of the body, and each of the at least one window having a shape (Chen; Figs.2 and 3, ¶ [0012] – [0022]); but fails to disclose an internal fitting corresponding to each respective one of the at least one window mounted on the inner periphery in the body, and each internal fitting having a side face that faces the corresponding window and a protrusion formed from the side face, the protrusion having a shape that corresponds to the shape of the corresponding window, being received in the corresponding window and extending partially out of the corresponding window.

On the other hand, Barry teaches a vehicle member comprising at least one external fitting (Fig.2, Item 24) mounted on the outer periphery of a body (Fig.2, Item 14)

and each of the at least one external fitting having a side face that faces outward from the body and a protrusion formed from the side face, and the protrusion having a shape (Fig.2, Item 25) (Col.3, Line 66 – Col.4, Line 58).

The Examiner considers that it would have been an obvious matter of design choice to employ an internal fitting, instead of the Barry external fitting, corresponding to each respective one of the at least one window mounted on the inner periphery in the body, since it has been held that rearranging parts of an invention involves only routine skill in the art. In re Japikse, 86 USPQ 70.

It would have been obvious to a person with ordinary skill in the art at the time of the invention was made to employ the Barry fitting configuration with the Chen design because fitting would provide a distinctive feature to the muffler tail pipe that would differentiate it from others, in addition to provide a medium to permit a person to better see where the muffler of the vehicle is when the illumination system is on.

With respect to claim 2, the obvious combination of Chen and Barry teaches the limitations described in the claim (Chen; Figs.2 and 3, ¶ [0012] – [0022] and Barry; Fig.2, Col.3, Line 66 – Col.4, Line 58).

With respect to claim 3, Chen teaches wherein the illuminating members are light emitting diodes (¶ [0020], Line 18+).

With respect to claims 4 – 6, Chen teaches the limitations described in the claims (Figs.2 and 3; ¶ [0019] – [0022]).

Conclusion

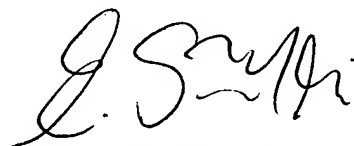
2. The attached hereto PTO Form 892 lists prior art made of record that the Examiner considered it pertinent to applicant's disclosure.

Contact Information

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edgardo San Martin whose telephone number is (571)272-2074. The examiner can normally be reached on 8:00AM - 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Martin can be reached on (571) 272-2107. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Edgardo San Martín
Primary Examiner
Art Unit 2837
Class 181
September 17, 2005